

$$\begin{array}{l}
 \begin{array}{l}
 18 \rightarrow \\
 000001000001 \\
 \text{LSBs}
 \end{array}
 + 1000 \rightarrow
 \begin{array}{l}
 22 \downarrow \\
 000001001001 \\
 \text{LSBs}
 \end{array} \\
 \begin{array}{l}
 20 \rightarrow \\
 000001001100 \\
 \text{LSBs}
 \end{array}
 + 1000 \rightarrow
 \begin{array}{l}
 24 \uparrow \\
 000001010100 \\
 \text{LSBs}
 \end{array}
 \end{array}$$

Fig 3

$x \rightarrow$

$(x,y)$

	0	1	2	3
0	0100	1000	0100	1000
1	1000	1011	1000	1011
2	0100	1000	0100	1000
3	1000	1011	1000	1011

$y \downarrow$

28

Fig 4

Fig 5

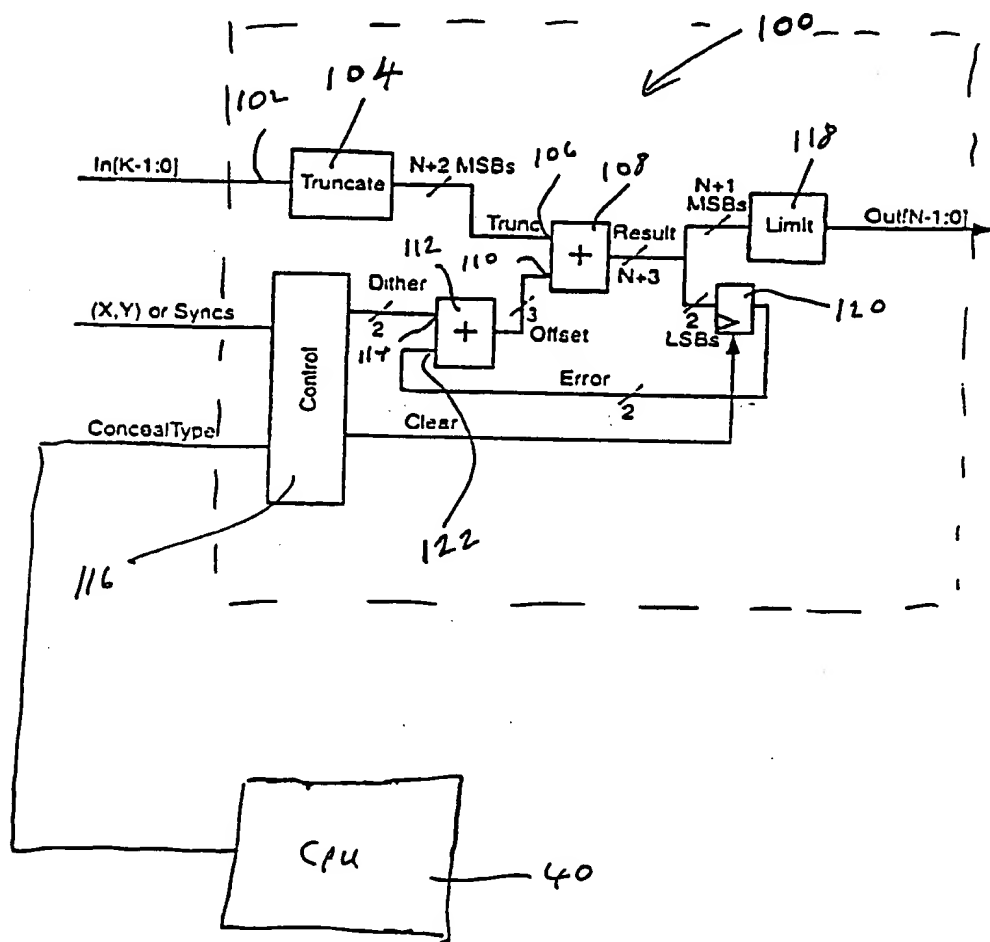
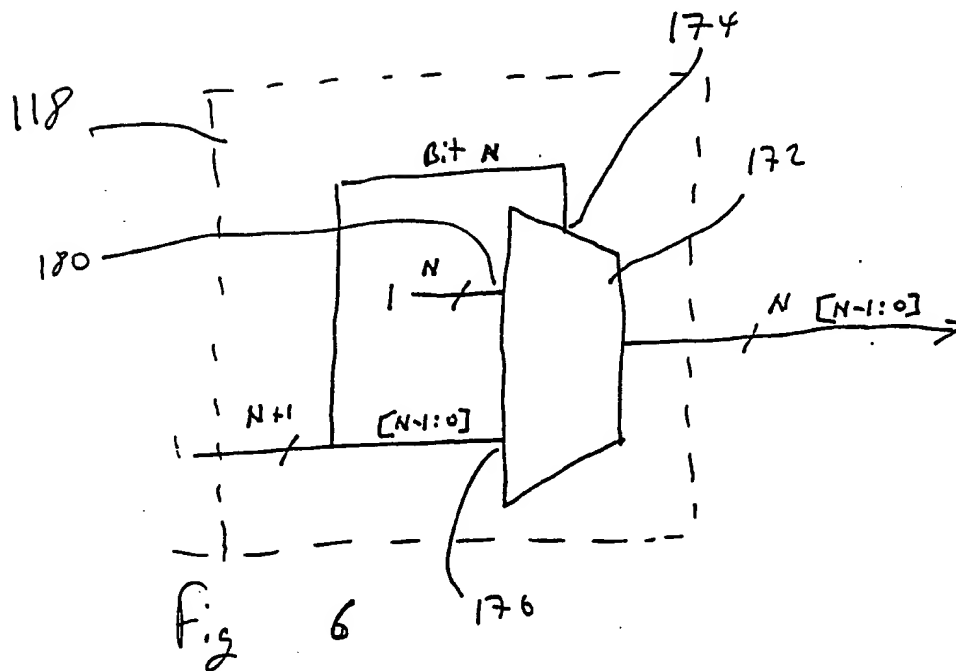


Fig 7

ConcealType	Y[0]	X[0]	Dither[1:0]
truncate	X	X	00
round	X	X	10
dither	0	0	01
	0	1	10
	1	0	10
	1	1	11

Fig 8

01	10	01	10
10	11	10	11
01	10	01	10
10	11	10	11



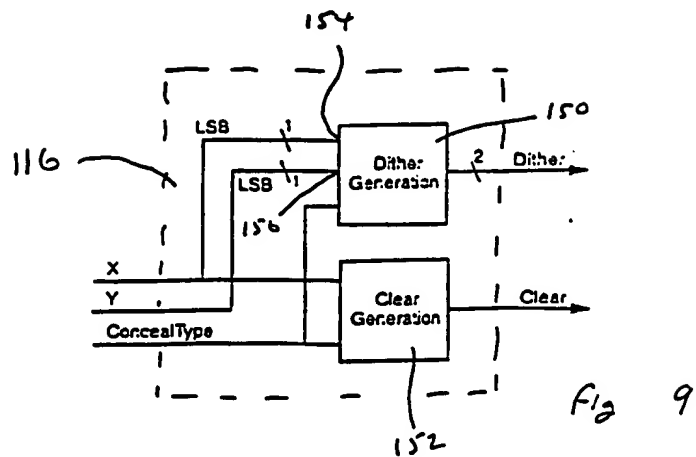


Fig 9

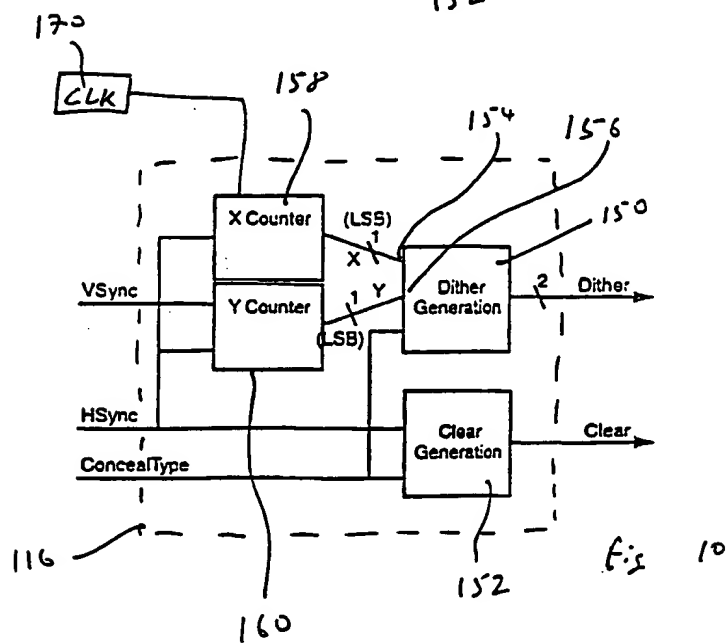


Fig 10

Fig 12

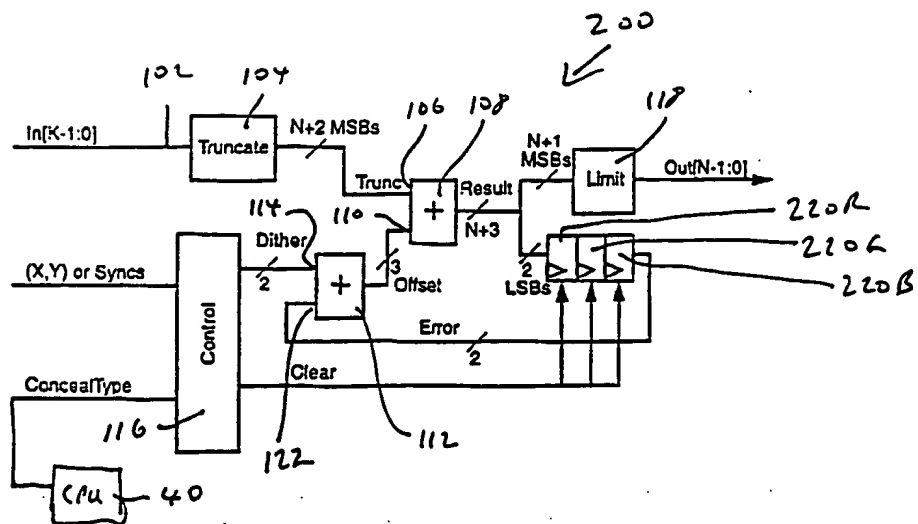


Fig 11

